

IN THE CLAIMS:

1. (Original) A fishing reel comprising:

- a reel body;
- a spool rotatably supported by the reel body;
- a revolutions counter detector for detecting number of revolutions of the spool;
- a line measurement device for measuring line length based on the result detected by the revolutions counter detector;
- an informing device for informing an angler about fishing information;
- a receiver for receiving a signal which includes the fishing information and is transmitted from a transmitter; and
- a controller for controlling the informing device to inform the angler about the fishing information from the receiver.

2. (Original) The fishing reel according to claim 1, wherein the informing device is a display for displaying the line length measured by the line measurement device, and the controller displays the fishing information on the display.

3. (Original) The fishing reel according to claim 1, wherein the fishing information transmitted from the transmitter is data processed in at least one of a fishfinder and a GPS installed in a boat.

4. (Currently Amended) The fishing reel according to claim 1, wherein the fishing information transmitted from the transmitter is data which [does not] is processed in at least one of a fishfinder and a GPS installed in a boat, and the controller processes the data transmitted from the transmitter and sends the processed data to the informing device.

5. (Currently Amended) The fishing reel according to claim 1, wherein the signal from the transmitter to the receiver is transmitted by one of a radio [or] and a wire.

6. (Original) A fishing reel for winding a fishline on a spool, comprising:
a receiver for receiving fishing information from an outside of the fishing reel;
an informing device for informing an angler about the fishing information; and
a computer for receiving the fishing information from the receiver and sending the received fishing information to the informing device.

7. (Original) The fishing reel according to claim 6, wherein the computer processes the fishing information.

8. (Original) The fishing reel according to claim 6, the fishing information is transmitted from a transmitter.

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9. (Currently Amended) The fishing reel according to claim 8, the receiver communicates to the transmitter through one of a wire [or] and a radio.

10. (Original) The fishing reel according to claim 6, wherein the computer controls a motor for rotating the spool based on the fishing information.

11. (Original) The fishing reel according to claim 6 further comprising: a revolutions counter detector for detecting number of revolutions of the spool; and a line measurement device for measuring line length based on the result detected by the revolutions counter detector.

12. (Original) The fishing reel according to claim 6, wherein the fishing information represents at least one of depth of water, water temperature, a tidal current, ebb and flow of the sea, a present position, a fishfinder image, fishing tackle information and fishing technique information.

13. (Original) The fishing reel according to claim 6, wherein the fishing information is obtained by at least one of a fishfinder, a GPS, radio information, and information through Internet.

14. (Original) The fishing reel according to claim 6, wherein the informing device includes at least one of a display and a speaker.

15. (Original) A fishing system comprising:
a transmitter for transmitting fishing information; and
a fishing reel for winding a fishline on a spool, including, a receiver for receiving the fishing information from the transmitter, and an informing device for informing an angler about the fishing information from the receiver.

16. (Original) The fishing system according to claim 15, wherein the transmitter is installed in a boat and is connected to at least one of a fishfinder and GPS.

17. (Currently Amended) The fishing system according to claim 15, wherein the receiver communicates to the transmitter through one of a wire [or] and a radio.

18. (Original) The fishing system according to claim 15, wherein the fishing information represents at least one of depth of water, water temperature, a tidal current, ebb and flow of the sea, a present position, a fishfinder image, fishing tackle information and fishing technique information.

19. (Original) The fishing system according to claim 15, wherein the transmitter transmits the fishing information to a plurality of the fishing reels.

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20. (Original) The fishing reel according to claim 15, wherein the transmitter is one of a
cellular phone and a radio system.
